

PROFESSIONAL SUMMARY

Data Analyst skilled in Python, SQL, and data visualization tools, with a strong foundation in mathematics and hands-on experience in EDA, feature engineering, web scraping, and applying machine learning for data-driven insights.

ACADEMIC BACKGROUND

Manoharbhairam Institute of Engineering and Technology

Maharashtra, India

Bachelor of Technology in Computer Engineering, CGPA: 8.16

June 2020 - August 2024

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Mathematics for Data Science:** Linear Algebra, Statistics & Probability, Calculus
- **Machine Learning:** Supervised & Unsupervised Learning, EDA (Exploratory Data Analysis), Feature Engineering
- **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn
- **Tools & Technologies:** Power BI, Excel, MySQL, Git & GitHub
- **Development Platforms:** Jupyter Notebook, PyCharm, Visual Studio Code, Google Colab
- **Skills:** People Management, Excellent communication, problem solving, Team Collaboration, Analytical Thinking

PROFESSIONAL EXPERIENCE

DATA SCIENTIST INTERN | CMGC Techno Solution

June 2024 – December 2024

- Developed predictive models and performed data analysis to support business decision-making.
- Utilized Python and libraries like pandas, numpy, for data preprocessing and machine learning.
- Conducted exploratory data analysis (EDA) to identify trends and insights, leveraging visualization tools such as Matplotlib and Seaborn.
- Collaborated with cross-functional teams to understand business challenges and translate them into data-driven solutions.

PROJECTS

Olympic Data Analysis | [LINK](#)

- Developed an interactive Olympic Data Analysis web app using Streamlit, enabling exploration of 120 years of sports data.
- Cleaned and transformed large datasets with Pandas, building reusable functions for medal analysis and country-wise performance.
- Designed intuitive visual dashboards using Plotly and Matplotlib to highlight trends in gender participation, event popularity, and medal tallies.
- Implemented dynamic filters for year, country, and sport, enhancing data-driven decision-making through real-time insights.

Customer segmentation Analysis | [LINK](#)

- Performed data cleaning and EDA on large-scale retail data using Python to understand customer behavior.
- Applied RFM (Recency, Frequency, Monetary) analysis to segment customers into four strategic categories.
- Designed a fully interactive Power BI dashboard visualizing key insights like sales trends, segment-wise revenue, and customer distribution.
- Identified high-value customer groups contributing to 70% of revenue, enabling targeted marketing decisions.
- Tools/Skills: Python, pandas, Power BI, RFM Segmentation, Data Visualization, EDA, Feature Engineering

Banking Data Analysis | [LINK](#)

- Built interactive Power BI dashboard analyzing loans, deposits, fees, and client trends.
- Cleaned data in Power Query; created DAX measures for KPIs like total fees, business lending.
- Used slicers for filters (Gender, Year, Relationship type) across multi-page reports.
- Identified insights by occupation, income band, and account type for decision support.

Thyroid Detection(group mega project) | [LINK](#)

- Developed a Thyroid Detection System using Machine Learning to classify thyroid conditions based on medical data.
- Implemented data preprocessing, feature engineering, and model selection to enhance accuracy and reliability.
- Utilized algorithms like Random Forest, SVM, KNN for predictive analysis.
- Designed an interactive dashboard for easy visualization of patient diagnosis and insights.
- skills – Machine learning, Python

CERTIFICATIONS

- **Machine Learning** (Infosys springboard) | [CERTIFICATE](#)
- **An Introduction To Generative AI** (Infosys Springboard) | [CERTIFICATE](#)
- **Python for data science**(Infosys springboard) | [CERTIFICATE](#)
- **Web Scraping for data science** (udemy) | CERTIFICATE (ongoing)

ACHIEVEMENTS

- HackerRank SQL (Basic) Certificate
- Solved 100+ problems on HackerRank – Focused on SQL and Python

